

B  
1.10.83

# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 31] नई दिल्ली, शनिवार, जुलाई 30, 1983 (श्रावण 8, 1905)

No. 31] NEW DELHI, SATURDAY, JULY 30, 1983 (SRAVANA 8, 1905)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 30th July 1983

#### ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below:

Patent Office Branch,  
Todi Estates, III Floor,  
Lower Parel (West),  
Bombay-400 013.

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"

Patent Office Branch,  
Unit No. 401 to 405, III Floor,  
Municipal Market Building,  
Saraswati Marg, Karol Bagh,  
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATOFFICE".

Patent Office Branch,  
61, Wallajah Road,  
Madras-600 002.

1—177GI/83

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
214, Acharya Jagadish Bose Road,  
Calcutta-700 017.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

*Fees* :— The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214 ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Act.

23rd June, 1983.

783/Cal/83. Erich Herter and Gunnar Herter. Turbine.

784/Cal/83. Vsesojuzny Nauchno-Issledovatel'sky Institut Nerudnykh Stroiteleykh Materialov I Gidromekhanizatsii. Acidprof lining material.

785/Cal/83. Arbed S.A. Process and device to empty metallurgical containers.

786/Cal/83. Linde Aktiengesellschaft and Chemische Werke Huls Aktiengesellschaft. Safe adsorption process for the separation of hydrocarbons from oxygen containing gas.

787/Cal/83. Madag Maschinen- und Apparatebau Dietikon AG. Method and apparatus for making knotted rugs.

24th June, 1983

788/Cal/83. Walter Joseph Baron- and Laird Clark Cleaver. Basket retainer for heat exchanger tube cleaning element.

789/Cal/83. The Lubrizol Corporation. Nitrogen-containing esters and lubricants containing them.

790/Cal/83. Gorkovsky Gosudarstvenny Meditsinsky Institut imeni S.M. Kirova. Apparatus for the fragmentation and aspiration of ocular tissues.

791/Cal/83. Linde Aktiengesellschaft. Process for the production of methanol.

792/Cal/83. Hilton (Products), Limited. Vice and workbenches. (25th June, 1982 and 3rd November, 1982).

25th June, 1983

793/Cal/83. M. A. N. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. Method of operating a reactor for the production of synthesis gas and apparatus for implementing the method. (25th June, 1982).

27th June, 1983

794/Cal/83. International Standard Electric Corporation. Associative processor.

795/Cal/83. Lars Osten Forsman. Absorbing product and method and apparatus for manufacturing same.

796/Cal/83. Owens-Corning Fiberglas Corporation. Method and apparatus for forming glass fibers.

797/Cal/83. Gvozdnoveny Kutato Intezet. Process for the production of propagating material of plants.

28th June, 1983

798/Cal/83. AJO-Stahlbau GmbH & Co. KG. Method and apparatus for the draining of granular material, particularly granulated blast-furnace slag.

799/Cal/83. Metallgesellschaft A.G. A process of thermally treating green pellets on a pellet-firing machine.

800/Cal/83. Tecumseh Products Company. Oil slinger device.

801/Cal/83. Tecumseh Products Company. Oil distribution system for a compressor.

802/Cal/83. Regents of the University of Minnesota. Controlled protein fractionation. (Divisional dated 5th May, 1980).

29th June, 1983

803/Cal/83. Ukrainsky Nauchno-Issledovatel'sky Uglekhimichesky Institut. Method of extracting anthracene from anthracene containing raw material.

804/Cal/83. Taprogge Gesellschaft mbH. A sluice for collecting cleaning bodies.

805/Cal/83. Servipharm Ltd. Process for the manufacture of an amide.

806/Cal/83. Union Carbide Corporation. Novel pesticidal 1-(alkyl-phenoxyaryl)-3-benzoyl ureas and process for preparation.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, TODI ESTATES, THIRD FLOOR, LOWER PAREL, WEST BOMBAY-13.

6th June, 1983

187/Bom/83. Sheetal Surendra Joshi. A Ghaek.

188/Bom/83. Chemicals & Fibres of India Ltd. Process for the manufacture of 2, 4, 5-trichlorophenol.

7th June, 1983

189/Bom/83. Cressie E Holcombe & another. Process for producing diamond particulates having a selected morphology.

8th June, 1983

190/Bom/83. Ion Exchange India Ltd. A method for preparation of solid contact disinfectant resin.

191/Bom/83. Ramdayal Shital Prasad Vishwakarma. Improved dies for injection mouldings.

9th June, 1983

192/Bom/83. Hoechst Pharmaceutical Ltd. A process for the preparation of pyrimido (6, 1-a) isoquinolin-4-one derivatives and analogs thereof.

14th June, 1983

193/Bom/83. Prabhakar Ganesh Bhide. An Electrical Fuel Pump.

194/Bom/83. Sukumar Mukherjee. A Novel Method and Device for compaction by absolute free fall of a Heavy weight.

17th June, 1983

195/Bom/83. Hindustan Lever Ltd. Aluminosilicates.

18th June, 1983

196/Bom/83. Shivprasad H. Thaker. Dummy Sigrett.

197/Bom/83. Shivprasad H. Thaker. Foldy Foodpack.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book, Depot, 8, Kiren Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charge may be calculated by adding number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS-63A,

151770

Int. Cl H 02 p 9/00.

#### DEVICE FOR DAMPING OSCILLATION IN REGULATED ELECTRIC MACHINE

Applicants : SIEMENS - AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : (1) DR. KURT FORK, (2) WOLFGANG KAUFHOLD, (3) WOLFGANG MEUSEL AND (4) DR. HERMANN WALDMANN.

Application No. 1080/Cal/80 filed September 23, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

## 13 Claims.

A circuit for damping hunting oscillations of a controlled electric machine, characterized in that there are provided: measuring means for producing a first signal responsive to the hunting oscillations; identifier means responsive to said first signal for producing second and third signals responsive to respective angle components of the hunting oscillations; phase shifter means responsive to said second and third signals for forming a hunting oscillation correction signal which is shifted in phase with respective to the hunting oscillations by a predetermined angle; and controller means responsive said hunting oscillation control signal for producing at least one machine control signal.

(Compl. Specn. 16 Pages.

Drg. 3 Sheets.)

CLASS : 154D.

151771

Int. Cl. B 41 f 13/08.

## A SLIDE BEARING FOR JOURNALLING FOR EXAMPLE FOR CYLINDERS, SHAFTS OR DRUMS OF PRINTING MACHINES.

Applicants : VEB POLYGRAPH LEIPZIG, OF ZEINA-UNDORFER 59, 705 LEIPZIG, GERMAN DEMOCRATIC REPUBLIC.

Inventors : (1) HANS JOHNE AND (2) ARNDT JENTZSCH.

Application No. 478/Cal/78 filed May 8, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

## 5 Claims

A slide bearing for journalling for example for cylinders, shafts or drums of printing machines having a circumferential bearing surface and comprising a plurality of bores extending axially of the bearing and a plurality of tapered pins each adapted to be disposed within a respective one of the bores to selectively deform the configuration of the bearing surface for setting of bearing play.

(Compl. Specn. 5 Pages.

Drg. 2 Sheets.)

CLASS : 24D, &amp; 160C.

151772

Int. Cl. B 60 t 15/00.

## IMPROVED FREIGHT BRAKE CONTROL VALVE DEVICE.

Applicants : AMERICAN STANDARD INC., OF 40 WEST 40th STREET, NEW YORK, NEW YORK 10018, UNITED STATES OF AMERICA.

Inventors : (1) JAMES EDWARD HART.

Application No. 508/Cal/79 filed May 16, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 11 Claims

A brake control valve device for use in a railway car brake system having a brake pipe, a reservoir normally charged to the pressure carried in the brake pipe and a brake cylinder device, said device comprising : (a) a brake cylinder delivery passage to which said brake cylinder device is connected; (b) a first exhaust via which said brake cylinder delivery passage is connected to atmosphere; (c) a supply passage via which said brake cylinder delivery passage is connected to said reservoir; (d) an exhaust control piston valve device in said first exhaust passage operative in a first position thereof to establish fluid pressure communication between said brake cylinder delivery passage and atmosphere and having a control associated therewith, pressurization of said control chamber effecting operation of said piston valve device to a second position in which said communication is interrupted; and (e) a service valve assembly operatively disposed in said supply passage comprising : (i) a movable piston abutment subject opposingly to the pressure carried in said brake pipe and in said reservoir; and (ii) valve means engageable with said piston abutment for movement therewith to a brake release position in response to a predominance of brake pipe fluid pres-

sure relative to said reservoir fluid pressure and movable from said brake release position to a brake application position in response to a reduction of said brake pipe fluid pressure relative to said reservoir fluid pressure for establishing fluid pressure communication between said reservoir and said brake cylinder device and between said reservoir and said control chamber.

(Compl. Specn. 19 Pages.

Drg. 1 Sheet.)

CLASS : 195D.

151773

Int. Cl. F 16 k 15/08.

## CHECK VALVE AND METHOD OF MANUFACTURING SAID CHECK VALVE.

Applicants : INTER OCEAN N.V., OF POST OFFICE BOX 640, WILLEMSTAD/CURACAO, THE DUTCH ANTILLES.

Inventor : GOVERT JOHANNEK—SNOEK.

Application No. 477/Cal/79 filed May 8, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 12 Claims

A check valve comprising a substantially cylindrical housing, a diaphragm comprising a radially outwardly extending fastening flange and a thin, substantially cylindrical slip, the flange being clamped between an uninterrupted, inner shoulder in the housing and an annular locking member of a synthetic resin and a rotation-symmetrical closing member which is axially displaceable between a position in which it bears on the slip and a position removed therefrom characterized in that the locking member has an at least partly tapering outer surface and is locked in between the fastening flange of the diaphragm bearing on the shoulder and an inwardly projecting protuberance of the housing.

(Compl. Specn. 10 Pages.

Drg. 1 Sheet.)

CLASS : 68D.

151774

Int. Cl. H 01 t 3/00.

## LIGHTNING RESISTIVE DEVICE IN AERIAL POWER TRANSMISSION SYSTEM.

Applicants : MITSUBISHI DENKI KABUSHIKI KAI-SHA, OF 2-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : NOBUO NAGAI.

Application No. 217/Cal/79 filed March 7, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 8 Claims

In a lightning resistive device in an aerial power transmission system comprising power transmission cables supported between steel towers; and insulators for supporting said power transmission cables on said steel towers, and improvement characterized by connecting a lightning arrester between said steel tower and said power transmission cables, said lightning arrester being a non-linear resistor having high non-linear resistive characteristics.

Int. Cl. H 01 b 1/00.

(Compl. Specn. 14 Pages.

Drg. 3 Sheets.)

CLASS : 68D.

151775

Int. Cl. H 01 b 1/00.

## LIGHTNING ARRESTER.

Applicants : MITSUBISHI DENKI KABUSHIKI KAI-SHA, OF 2-3, MARUNOUCHI 2-CHOME, CHIYODA KU, TOKYO, JAPAN.

Inventor : NOBUO NAGAI.

Application No. 231/Cal/79 filed March 9, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 4 Claims

A lightning arrester comprising a non-linear resistor held in an insulator, characterized in that said non-linear resistor and said insulator are formed in one body by covering said non-linear resistor with said insulator without a gap.

(Compl. Specn. 7 Pages.)

Drg. 1 Sheet)

CLASS : 32F<sub>2</sub>(..) & 123.

151776

Int. Cl. C 07 c 127/04.

PROCESS FOR THE TREATMENT OR UREA SOLUTIONS AND APPARATUS THEREFOR.

Applicants : STAMICARBON B.V., OF P.O. BOX 10, 6160 MC GELEEN, HOLLAND.

Inventor : PRIMO PASTORMERLO.

Application No. 612/Cal/79 filed June 13, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 12 Claims

A process for the treatment of urea solutions obtained from synthesis reactions wherein ammonia and carbon dioxide are reacted under pressure and at a high temperature, and containing in addition to the formed urea, free ammonia, water, unreacted ammonium carbamate, and other by-products, said process comprising : (a) a first step in which the urea solution flows through a first heated zone under conditions whereby gaseous free ammonia present and free gases produced in said zone by decomposition of a minor proportion of ammonium carbamate flow concurrently with the said urea solution, and are substantially separated from the urea solution remaining, (b) a second step in which the said remaining urea solution is passed downwardly through a second heated zone under conditions whereby a major proportion of remaining ammonium carbamate is decomposed and free gases present in the said second zone flow countercurrently to the said urea solution and are substantially separated from the remaining urea solution, and wherein the said first and second steps are operated at or below synthesis pressure.

(Compl. Specn. 24 Pages.)

Drg. 2 Sheets.)

151777

CLASS : XLI 6.

Int. Cl. G 01 m 19/00.

INDICATOR DEVICE FOR ROOF LOAD AND ROOF DEPRESSION IN UNDERGROUND MINES.

Applicant & Inventor : BANKIM BIHARI GHOSH, OF GHOSHBARI, LAL KUTHIPARA, P.O. SURI, DISTRICT-BIRBHUM, WEST BENGAL, INDIA.

Application No. 711/Cal/79 filed July 10, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 7 Claims

An indicator device for roof-load and roof-depression in underground mines for measurement of roof load and convergence between roof and floor comprising a housing of substantially in the shape of one end closed cylinder having a wide base and provided with two diametrically opposite longitudinal slots on the body; a vertical shaft provided with square thread and carrying a cap at the top by means of a ball bearing for rotation of the shaft while the cap remaining stationary; a pressure plate of circular shape and size for accommodating inside the housing and having a centrally female thread to receive said threaded vertical shaft, the pressure plate being provided with two diametrically opposite radially projected arms to play inside the slots of the housing preventing rotation of the pressure plate and guiding the vertical movement of the pressure plate inside the housing, the pressure plate resting on a coil spring housed inside said housing to be pressed by said pressure plate during depression of the vertical shaft; a retaining ring closing the housing and mounting of the pressure plate by resting on the spring along with the vertical shaft extending through the spring.

(Compl. Specn. 8 Pages.)

Drg. 2 Sheets.)

CLASS : 32F<sub>1</sub>.

151778

Int. Cl. C 07 d 55/42.

AN IMPROVED PROCESS FOR THE PREPARATION OF CYANURIC CHLORIDE.

Applicants : DEUTSCHE GOLD-UND SILBER-SCHEIDANSTALT VORMALS ROESSLER, OF 9 WEISSE-AUENSTRASSE, FRANKFURT (MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) GERHARD BACH, (2) FRIEDHELM GEIGER, (3) WERNER HEIMBERGER, (4) GERM SCHREYER, (5) HORST HILLENBRAND.

Application No. 889/Cal/79 filed August 29, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 4 Claims

An improved process for the preparation of cyanuric chloride by reacting hydrogen cyanide with chloride in presence of water to obtain cyanogen chloride and hydrochloric acid, separating the cyanogen chloride from aqueous solution by heating followed by drying over calcium chloride and trimerising with active carbon at a temperature of 200 to 500°C to produce cyanuric chloride, passing the vapour of said obtained cyanuric chloride through a cooled separator to obtain crystalline cyanuric chloride and washing the resultant exhaust gases which consists mainly of unconverted cyanogen chloride, chlorine, hydrogen chloride and inert gases and side products such as phosgene or carbonatetetrachloride in one or more columns in counter current manner with water to recover unconverted cyanogen chloride and chlorine characterized in that, that this exhaust gas is introduced at the lower portion of a column having a pressure of 1-5bar (abs), preferably 1-4 bar (abs), contacted in the column with at least an equivalent quantity of hydrogen cyanide for the formation of cyanogen chloride and is then cyanide in counter current manner with a stream of water introduced from the upper portion of the said column, after which the aqueous solution of cyanogen chloride, so formed, is withdrawn from the lower portion of the column and re-introduced into the unit for the extraction of cyanogen chloride, while the purified exhaust gas leaves the column from its upper portion.

(Compl. Specn. 14 Pages.)

Drg. 1 Sheet.)

151779

CLASS : 185D<sub>1</sub>.

Int. Cl. A 23 f 3/04.

IMPROVEMENTS IN OR RELATING TO MICRO DIAL DEVICES FOR/ADJUSTMENT OF ROLLERS ON CTC MACHINES.

Applicants : STEELSWORTH LIMITED, OF 17 GANESH CHANDRA AVNUE, CALCUTTA-700013, STATE OF WEST BENGAL, INDIA.

Inventor : MIHIR KUMAR BANERJEE.

Application No. 1010/Cal/79 filed September 25, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 10 Claims

A microdial device for adjusting the rollers of a CTC machine for processing tea leaves of the type described, comprising a finely threaded screw fixed to the housing of one end of the said roller, and internally threaded micro sleeve engaging the said screw, a boss adapted to be turned, secured on the said sleeve, the said screw being only linearly movable and the said boss and the sleeve being only rotatable is characterised in that a mechanical coupling means is provided between the microdial devices at the two ends of the roller for effecting simultaneous adjustment of the two ends of the said roller to the same degree.

(Compl. Specn. 14 Pages.)

Drg. 3 Sheets.)

151780

CLASS : 6B & 47E.

Int. Cl. F 17 c 1/00.

A LIQUIFIED PETROLEUM GAS CYLINDER WITH ADDITIONAL CHAMBER FOR RESERVE SUPPLY OF SAID LIQUIFIED GAS.

Applicant & Inventor : DARBHARA RAMA RATNA SASTRI, OF F-34, SECTOR-III, HEC COLONY, RANCHI-834004, BIHAR, INDIA.

Application No. 55/Cal/80 filed January 15, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

8 Claims

A liquified petroleum gas cylinder characterised in that an additional chamber containing a reserve supply of the said liquified gas is provided with the cylinder, the additional chamber being provided with an outlet connected to the pressure regulator through an outlet control valve, supply of gas being drawn off the additional chamber after closing outlet control valve of the cylinder when the gas contained herein is exhausted.

(Compl. Specn. 6 Pages.

Drg. 1 Sheet.)

CLASS : 27 G & F.

151781

Int. Cl. E 04 c 3/29.

A SUPPORTING BEAM FOR EXCAVATING, TRENCHING OR LIKE CONSTRUCTION APPLICATIONS.

Applicant & Inventor : JOSEF KRINGS, OF D 5138, HEINSBERG OBERBRUCH, HANSBOCKLET-STRASSE 23, GERMAN REPUBLIC.

Application No. 362/Cal/80 filed March 28, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

11 Claims

A supporting beam particularly adapted for bracing purpose in construction applications comprising at least one elongated member having axially opposite end portions, a generally C-shaped bracket at each of said end portions, means for pivotally mounting said C-shaped brackets relative to the associated end portions of said elongated member, each said C-shaped brackets being defined by a bight and a pair of legs with the latter setting-off therebetween an associated elongated groove, and longitudinal axes of said grooves being disposed generally parallel to the axes of said pivot mounting means.

(Compl. Specn. 14 Pages.

Drg. 5 Sheets.)

CLASS : 107 C & G, & 175H.

151782

Int. Cl. F 02 f 3/20.

AN IMPROVEMENT RELATING TO THE DIESEL ENGINE PISTONS.

Applicants : ASSOCIATED ENGINEERING ITALY S.P.A., OF STRADA VALDELLATORRE KM.2700 ALPINANO, TURIN, ITALY.

Inventor : LODOVICO BRUNI.

Application No. 684/Cal/80 filed June 11, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

4 Claims

A diesel engine piston whose top surface is formed with a combustion chamber, the head wall of the piston being of monolithic construction and containing an annular conduit for the passage of lubricating oil in order to cool the upper part of the piston, and a single conduit branching from the annular conduit, extending radially inwards from the annular conduit directly beneath the combustion chamber at least to the centre of the head wall and for the full extent of the combustion chamber, and debouching through a discharge hole, the annular conduit and the branch conduit being in the region of the top ring groove and being formed wholly within the monolithic head wall.

(Compl. Specn. 5 Pages.

Drg. 1 Sheet.)

CLASS : 48A.

151783

Int. Cl. H 01 b 7/18.

MOISTURE PROOF PLASTIC-INSULATED ELECTRIC CABLE PARTICULARLY FOR THE TRANSMISSION OF HIGHER VOLTAGES.

Applicants : KABEL-UND METALLWERKE GUTEH-OFNUNGSHUTTE AKTIENGESELLSCHAFT, OF 271, VAHRENWALDER STRASSE, HANNOVER 3000, GERMANY.

Inventors : (1) DR. GERHARD ZIEMEK, (2) MARTIN VOLKER, (3) PETER MADRY.

Application No. 1146/Cal/80 filed October 9, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

11 Claims

A moisture-proof plastics-insulated electric cable, containing a conductor or conductor strand which is composed of continuous single elements, characterised in that the conductor or the conductor strand is surrounded by a closed dense metallic sheath constituted by a longitudinally seam-welded metal tape.

(Compl. Specn. 11 Pages.

Drg. 1 Sheet.)

IND. CLASS : 129G,

151784

Int. Cl. B 06 b 1/00.

A SPARK EROSION MACHINES.

Applicant : PRAV ELECTROSPARK PRIVATE LIMITED, COMPANY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT OF 'ELEKTRA HOUSE', 691/1A, POONA-SATARA ROAD, PUNE-411 009, STATE OF MAHARASHTRA, INDIA.

Inventor : PRAKASH KRISHNA RATNAPARKHI.

Application No. 83/BOM/80 filed on March 25, 1980.

Complete after provisional left on June 6, 1981.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Bombay Branch.

6 Claims

A spark erosion machine as herein described, wherein an electrode and a workpiece are submerged in dielectric fluid characterised in that one or more ultrasonic agitators are provided either in contact with or within the said dielectric fluid.

Provisional Specification 3 Pages;

Drawings Nil

Complete Specification 9 Pages;

Drawings 1 Sheet.

CLASS : 32F<sub>1</sub> & 2(1).

151785

Int. Cl. C 07 c 113/04.

CONTINUOUS DIAZOTIZATION OF AMINES.

Applicants : HOECHST AKTIENGESELLSCHAFT, OF D 6230 FRANKFURT/MAIN 80 FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HARTMUT BEHRINGER AND (2) KURT KARRENBAUER.

Application No. 607/Cal/79 filed June 12, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

8 Claims

An improved process for the continuous diazotization of primary aromatic amines by reacting an aqueous solution or suspension of the amine in a mineral acid with an aqueous sodium nitrite solution, which comprises : supplying continuously the lower portion of a cylindrical diazotization zone placed in upright position with an aqueous mineral acid solution or suspension of a diazotizable primary aromatic amine and supplying the vessel simultaneously, via one or more inlets arranged one above the other so as to open laterally thereinto, with an aqueous sodium nitrite solution, the amine and nitrite being used in stoichiometric proportions, or the nitrite being used in a stoichiometric deficiency and the acid being used in an excess of about 1 to 3 equivalents per amine equivalent in the mineral acid solution; reacting the resulting mixture with agitation and while producing a laminar flow of liquid matter at temperature of

about 5 to 30°C; removing reaction mixture, in accordance with the diazotization velocity of the particular amine used, from the upper portion of the diazotization zone at a place where the reaction mixture is substantially free from nitrous acid, said place being situated in said zone at a level which is the higher the lower the diazotization velocity of the amine used; filtering the reaction mixture removed and delivering diazonium salt-containing solution to a sojourn zone.

(Compl. Specn. 14 Pages.)

Drg. 1 Sheet.)

CLASS : 172D.

151786

Int. Cl. D 01 h 7/52.

SPINNING RING MADE FROM STEEL FOR RING SPINNING AND RING TWISTING MACHINE.

Applicants : MASCHINENFABRIK RIETER A. G., OF WINTERTHUR, SWITZERLAND.

Inventor : GUSTAV STAHLI.

Application No. 937/Cal/79 filed September 7, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 26 Claims

Spinning ring made from steel for ring spinning and ring twisting machines with a traveller guide surface, the structure of which ring is hardened and the outermost layer of which contains a non metal brought in by diffusion, characterized in that the spinning ring (1, 16, 28) has a hardened zone (8, 17, 32) including the traveller guide surface (3, 20, 31) and provided with an outer running in surface layer (11, 22, 33), said running in layer containing nitrogen and being softer than the hardened steel, and the hardness of the running-in layer increasing inwardly over the cross-section of the running-in layer.

(Compl. Specn. 19 Pages.)

Drg. 2 Sheets.)

CLASS : 172D.

151787

Int. Cl. D 01 h 7/52.

RING FOR RING SPINNING AND RING TWISTING MACHINES.

Applicants : MASCHINENFABRIK RIETER A. G., OF CH8406 WINTERTHUR, SWITZERLAND.

Inventors : (1) ALFRED FURRER AND (2) ARTHUR WURMLI.

Application No. 1058/Cal/79 filed October 11, 1979.

Convention date 14th October, 1978 (20976/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 7 Claims

Ring for ring spinning and ring twisting machines forming a traveller having an ending inner leg, with a traveller flange and an annular traveller support surface arranged below the traveller flange on the ring inside, extending toward the inside, and connected with the traveller flange by a ring web, characterized in that between the traveller support surface and the adjacent inside of the ring web, which extends substantially vertically, an angle of less than 105° is enclosed, and that the inside diameter of the traveller support surface ranges between 90% and 105% of the inside diameter of the traveller flange.

(Compl. Specn. 12 Pages.)

Drg. 1 Sheet.)

CLASS : 116B.

151788

Int. Cl. B 65 g 67/34; 67/48.

WAGON CLAMPING DEVICES FOR WAGON TIPPLERS.

Applicants : TATA-ROBINS-FRASER LIMITED, OF 11, STATION ROAD, BURMA MINES, JAMSHEDPUR-831 007, INDIA.

Inventors : (1) VINAY KUMAR THAKAR AND (2) SUBASH CHANDRA.

Application No. 1096/Cal/79 filed October 19, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 8 Claims

A wagon clamping device for the use with a wagon tippler comprising an articulated clamp arm secured to a clamp column, a guide member for the clamp column fixed on a cradle of the wagon tippler and permitting linear movement of the clamp column, a device for converting linear movement of the said column into rotary movement of a shaft rotatably supported on the said cradle and a locking mechanism for locking the said shaft, having a counterweight and adapted to be activated by a cam.

(Compl. Specn. 9 Pages.)

Drg. 1 Sheet.)

151789

Int. Cl. C 21 D 1/06; D 01 H 1/12.

SPINNING ROTOR MADE FROM STEEL FOR OPEN END SPINNING MACHINES.

Applicants : MASCHINENFABRIK RIETER A. G., OF WINTERTHUR, SWITZERLAND.

Inventor : (1) FRITZ GOEBE, (2) GUSTAV STAELI, (3) HERBERT STALDER.

Application No. 13/Cal/80 filed January 2, 1980.

Convention date 1st February, 1979 (79/32157) U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 17 Claims

Spinning rotor made from steel for open end spinning machines for spinning staple fibres, with a thinwalled rotor wall containing at a largest inside diameter of the spinning of the rotor a fibre collecting groove, the rotor wall being made of unhardened steel and being hardened in a locally limited zone containing the fibre collecting groove.

(Compl. Specn. 13 Pages.)

Drg. 1 Sheet.)

151790

Int. Cl. B 01 d 47/00.

A PROCESS FOR SCRUBBING CYANIDE-BEARING FURNACE GASES WHICH ARE PRODUCED IN THE METALLURGICAL INDUSTRY.

Applicants : OUTOKUMPU OY, OF OUTOKUMPU, FINLAND.

Inventors : (1) RISTO JOHANNES HONKALA, (2) MATTI ELIAS HONKANIEMI, (3) JAAKKO TEIJO ILMARI PELLARVI, (4) FRANS HEIKKI TUOVINEN, (5) MATTI OLAVI VATTULAINEN.

Application No. 137/Cal/80 filed February 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 3 Claims

A process for the scrubbing of cyanide-bearing furnace gases generated in the metallurgical industry, by contacting the cyanide-bearing furnace gases with a circulating scrubbing water solution and by removing solid and dissolved impurities from the scrubbing water solution before it is returned to the scrubbing, the combustible constituents present in the scrubbed furnace gases being eliminated by burning, characterized in that in order to restrict the passing of cyanide from the furnace gases into the scrubbing water, the acidity of the circulating scrubbing water solution is controlled by adding acid to it to maintain a maximum pH value of 9.5 preferably a maximum pH value of 7.5 so that as large a proportion of the cyanide as possible is eliminated during the burning, of the combustible constituents present in the furnace gases.

(Compl. Specn. 10 Pages.)

Drg. 2 Sheets.)

CLASS : 114D &amp; F.

151791

Int. Cl. C 09 k 3/00; C 14 c 3/00.

## PROCESS FOR PREPARING TITANIUM TANNING AGENTS.

Applicants : (1) TSENTRAINY NAUCHNO-ISSLEDOVATELSKY INSTITUT KOZHEVENNOBUVNOJ PRO-MYSHLENNOSTI, of PYATNISKAYA ULITSA, 74 USSR AND (2) INSTITUT KHMII I TEKHNOLOGII REDKIKH ELEMENTOV I MINERALNOGO SYRYA KOLSKOGO FILIALA AKADEMII NAUK SSSR, OF APATITY MURMANSKOT OBLASTI, ULITSA FERSMANA, 14, USSR.

Inventors : (1) DAVID LAZAREVICH MOTOV, (2) LJUDMILA PETROVNA TURKINA, (3) LIDIA GEORGIEVNA GERASIMOVA, (4) ALEXANDR IVANOVICH METELKIN, (5) ISAAK GRIGORIEVICH SHIFRIN, (6) NINA IVANOVNA KOLESNIKOVA, (7) GALINA GRIGORIEVNA YAKUSHEVA, (8) MARIA MOISEEVNA GODNEVA, (9) ARTUR GRIGORIEVICH BABKIN, (10) IRIKY IOSIFOVICH MIKAELIAN, (11) VALENTIN IVANOVICH BELOKOSKOV, (12) VLADIMIR PAVLOVICH PLOTNIKOV.

Application No. 456/Cal/80 filed April 19, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 3 Claims. No drawing

A process for preparing a titanium tanning agent from a sulphate solution containing titanium and ferric ferrous ions comprising introducing an oxidizing agent into said solution as the starting solution, followed by adding ammonium sulphate and sulphuric acid to precipitate diammonium titanyl disulphate monohydrate  $(\text{NH}_4)_2\text{TiO}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$ , and stabilizing said salt by washing with ammonium sulphate, characterized in that a sulphate solution of peroxy-titanium complex is introduced into the starting sulphate solution as an oxidizing agent, the residual content of said complex in the starting solution being in an amount of from 0.01 to 2g/l based on titanium dioxide.

(Compl. Specn. 18 Pages.

Drg. Nil.)

CLASS : 15E.

151792

Int. Cl. F 16 c 19/26.

## AN IMPROVED PLUMMER BLOCK ASSEMBLY WITH TWO TAPER ROLLER BEARINGS AND LOCKING SLEEVE.

Applicant & Inventor : SURYYASEN KANJILAL ROY, OF P 295, DARGA ROAD, CALCUTTA-700017, WEST BENGAL, INDIAN.

Application No. 698/Cal/80 filed June 13, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 3 Claims

An improved plummer block assembly with two row taper roller bearing and locking sleeve is characterized by that the improvement comprising two taper roller bearing firmly mounted on a distance piece of tubular construction having a projected annular ridge near the middle portion on either side of which the said two bearings are mounted in opposite manner, the said tubular distance piece has a taper bore but with straight outer diameter, the tapered bore housing a tapered locking sleeve which is externally threaded at its narrower end, the said assembly bearing housed inside a cartridge and the cartridge being mounted inside a corresponding plummer block.

(Compl. Specn. 7 Pages.

Drg. 3 Sheets.)

CLASS : 92D.

151793

Int. Cl. B 02 c 13/31.

## AUTOMATIC SAFETY DEVICE FOR HULLING MACHINE.

Applicants : SATAKE ENGINEERING CO. LTD., OF 19-10, UENO-1-CHOME, TAITO-KU, TOKYO, JAPAN.

Inventor : TOSHIKO SATAKE.

Application No. 1053/Cal/79 filed October 10, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 17 Claims

An automatic safety device for a hulling machine comprising a housing, a pair of hulling rolls arranged parallel to each other in said housing and each having a metallic annular member and a resilient annular member fitted thereover, a fixed rotary main shaft supporting one of said pair of hulling rolls and mounted in said housing for rotation about a fixed center axis; a movable rotary ancillary shaft supporting the other hulling roll rotatably supported by an arm pivotally supported by a support shaft mounted in the housing in spaced apart parallel relation to the fixed center axis of said fixed rotary main shaft so that the movable rotary ancillary shaft can be moved toward and away from the fixed rotary main shaft while being maintained in parallel thereto, means for driving said fixed rotary main shaft and said movable rotary ancillary shaft, and means for forcing the movable rotary ancillary shaft to move toward the fixed rotary main shaft, such automatic safety device comprising : detecting means for detecting wear of at least one of the resilient annular members fitted over said hulling rolls progressing to such a degree that a predetermined wear limit radius has been reached; and a safety control electric circuit connected to said detecting means.

(Compl. Specn. 20 Pages.

Drg. 4 Sheets.)

CLASS : 70C 72B.

151794

Int. Cl. C 06 b 1/00; 15/00; 19/00.

## METHOD FOR ELECTROLESS DEPOSITION OF SILVER.

Applicants : LONDON LABORATORIES LIMITED CO. OF 15 LUNAR DRIVE, WOODBRIDGE, CONNECTICUT 06525, UNITED STATES OF AMERICA.

Inventor : JOSEPH FRANK SOLTYS.

Application No. 1072/Cal/78 filed September 26, 1978.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 13 Claims. No drawing

An improved method for electrodes deposition of silver by contacting (1) a concentrated aqueous solution of an ammoniacal silver salt and (2) a concentrated aqueous solution of a strong alkali, wherein the formation of explosive conditions or compounds is inhibited by providing an effective amount of an explosion inhibitor comprising a polyhydric alcohol having 4 to 6 carbon atoms in at least one of said concentrated aqueous solutions (1) or (2), with that when the inhibitor is provided in solutions (1) sufficient extraneous ammonium ions (as herein before defined) are added therein to stabilize the inhibitor.

(Compl. Specn. 31 Pages.

Drg. Nil.)

CLASS : 172.

151795

Int. Cl. D 01 h 15/00.

## DEVICE FOR JOINING TEXTILE YARNS BY AXIAL TWISTING.

Applicants : FOMENTO DE INVERSIONES INDUSTRIALES S.A., OF RAMBLA DE CANALETAS, 140, BARCELONA 2, SPAIN.

Inventors : (1) HUBERT LIGONES, (2) LAURENT KROPP, (3) ERWIN ZURCHER.

Application No. 606/Cal/79 filed June 12, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

## 5 Claims

A device for joining textile yarns by twisting the respective yarn ends about their axes, comprising means for untwisting the end portions of the yarns and for imposing an excess twist on the yarn portions adjacent to said end portions.

tions, and for then transferring this excess twist to the end portions in order to cause them to join together, which means comprise two substantially coaxial spindles rotatably mounted in respective supports and kinematically linked one to the other so that they rotate in reverse directions to each other, each of which spindles comprises a rod which that end facing the other spindle has a hooking element extending radially to the rod axis, drive means for rotating said spindles alternately in two respective directions rotation, and means for stretching a respective yarn in the path of each said hooking element such that its rotation in one of said directions of rotation of the spindle winds a portion of said yarn as a helix onto said rod while the yarn end portion is being untwisted, and such that its rotation in the other direction of rotation of the spindle unwinds the wound portion of yarn and twists its end portion together with the end portion of the yarn wound on the other spindle, these joined yarns being released simultaneously from said spindles as said helix-wound portions become unwound.

(Compl. Specn. 19 Pages.)

Drg. 4 Sheets.)

CLASS : 34 A & D. & 172 E & F.

151796

Int. Cl. D 01 d 7/00.

PROCESS FOR PRODUCING PREORIENTATED NYLON FILAMENTS.

Applicants : ANIC S. P. A., OF VIA M. STABILE 216, PALERMO, ITALY.

Inventors : (1) FRANCO COGNIGNI, (2) ARTURO SPANI, (3) GIANFRANCO TERRANOVA.

Application No. 1005/Cal/79 filed September 25, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

7 Claims. No drawing

A process for producing preorientated nylon filament by fusion-spinning nylon polymers, wherein the nylon polymer is extruded through a spinneret, as the filament leaves the spinneret it is cooled to a temperature from 15° to 40°C, the cooled filament is treated with a lubricating oil with such as herein described, the lubricated filament is passed through a spinning shaft and the yarn collected at a speed exceeding 3700 m/minute.

(Compl. Specn 7 Pages.)

Drg. Nil.)

CLASS : 88E.

151797

Int. Cl. C 01 b 2/14.

PROCESS AND EQUIPMENT FOR THE OXIDATION OF SOOT OBTAINED IN THE PREPARATION OF A GAS MIXTURE CONTAINING HYDROGEN AND CARBON MONOXIDE.

Applicants : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, HOLLAND.

Inventors : (1) PIETER VISSER, (2) JOHAN PAUL VAN DE WATER.

Application No. 1125/Cal/79 filed October 29, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

9 Claims

Process for the oxidation of soot obtained in the preparation of a gas mixture containing hydrogen and carbon monoxide which preparation comprises partially oxidising a hydrocarbon feedstock with oxygen or an oxygen-containing gas in a reactor at elevated pressure, to produce a raw product gas, containing 1 to 2% wt. soot, calculated on the feedstock, contacting the raw product gas with water to remove soot and other contaminating material from it, which soot and other contaminating material is taken up in the water to form a liquor having a soot concentration between 0.5 and 2% wt. characterized in that the liquor is treated with oxygen or an oxygen containing gas at a temperature between 240 and 375°C, at a pressure at least equal to the vapour pressure of water at the temperature used.

(Compl. Specn. 12 Pages.)

Drg. 1 Sheet.)

CLASS : 128A.

151798

Int. Cl. A 611 17/00.

PROCESS FOR PREPARING ELASTOMERIC SURGICAL SUTURES COMPRISING SEGMENTED COPOLYETHER/ESTERS.

Applicants : ETHICON INC. OF SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : ARTHUR ALBERT GERTZMANN AND MARK TURNER GATERUD.

Application No. 1132/Cal/79 filed October 30, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

25 Claims

Process for preparing surgical suture comprising a mono filament of elastomeric polymers as herein described by drying the elastomeric polymers such as copolyester or copolyether/ester polymers at a temperature of from 200—220°F followed by melt extruding the dried elastomeric polymer to form a continuous filamentary strand, and thereafter drawing the extruded filament to obtain the suture having the following combination of mechanical properties :

Yield elongation visco-elastic—from 2 to 9 per cent  
elongation—from 10 to 30 per cent

Young's modulus—from 30,000 to 200,000 psi

Tensile Strength—at least 40,000 psi

Knot Strength—at least 30,000 psi.

(Compl. Specn. Pages 25.)

Drg. 2 Sheets.)

#### OPPOSITION PROCEEDINGS

An opposition has been entered by Widia (India) Limited to the grant of a Patent on application No. 150919 made by Sandvik Aktiebolag.

Opposition filed by S.K. Foundry & Engineering Products Private Limited to the grant of a patent on application No. 136984 made by Foreco International Ltd. has been dismissed.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Officer-in-Charge, Government of India Central Book Depot, 8 Hasting Street Calcutta, two rupees per copy :—

(1)

148798 148801 148802 148804 148815 148818 148822

(2)

148939 148943 148945

(3)

149024 149028 149030 149031 149039 149042 149048

(4)

149051 149052 149056 149065 149069 149070 149071

(5)

149082 149083 149084 149089 149090 149092

(6)

149107 149108 149116

(7)

149121 149125 149126 149130 149131 149136 149137

(8)

149146 149156 149162 149174

(9)

149178\*149189 149197

(10)

149205 149206 149208 149210 149213 149214 149223 149232

149234 149237 149240

(11)  
 149246 149259 149262 149264 149268 149272 149275 149276  
 149297

(12)  
 150126 150127 150128 150129 150130 150131 150132 150133  
 150134 150135 150138 150140 150143 150144 150146 150147  
 150148 150149 150151 150152 150153

(13)  
 150249 150250 150251 150252 150253 150254 150255 150256  
 150257 150258 150259 150260 150261 150262 150263 150264  
 150265 150266 150267 150268 150269 150270 150271 150272  
 150273 150274 150275 150276 150277

(14)  
 150278 150280 150281 150282 150284 150285 150286 150287  
 150289 150290 150298 150299 150301 150302 150303 150304  
 150305 150306 150307 150308 150309

(15)  
 150310 150311 150312 150313 150314 150315 150318 150319  
 150322 150325 150327 150328 150329 150330 150332 150335  
 150336 150338 150340

(16)  
 150341 150342 150344 150345 150346 150347 150348 150349  
 150350 150351 150352 150353 150355 150356 150357 150358  
 150359 150360 150361 150363 150364 150366 150367 150369  
 150371 150372 150373 150374

(17)  
 150375 150376 150377 150378 150379 150381 150382 150383  
 150384 150385 150386 150387 150388 150389 150390 150391  
 150392 150394 150395 150396 150397 150398 150399 150400  
 150401 150402 150403 150404 150405 150406

(18)  
 150444 150445 150446 150447 150448 150449 150450 150451  
 150452 150453 150454 150455 150456 150457 150458 150459  
 150461 150462 150463 150464 150465 150466 150468 150469  
 150470 150472 150473 150475 150476

## PATENTS SEALED

137536 147762 150187 150445 150535 150548 150578 150656  
 150660 150674 150679 150682 150683 150686 150688 150693  
 150703 150705 150706 150708 150713 150714 150717 150723  
 150726 150730

## AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by Ethicon, Inc., in respect of patent application No. 139477 as advertised in Part III, Section 2 of the Gazette of India dated the 8th January 1983 has been allowed.

## RENEWAL FEES PAID

88787 107294 108652 108689 109596 110048 110178 111051  
 111082 111218 112079 112465 112628 113032 114865 116604  
 116606 116627 116672 116667 116901 117037 117259 117332  
 117340 117344 117481 117533 118217 118411 119332 121906  
 121924 122145 122162 122212 122231 122392 122637 122652  
 122902 122953 123038 123144 123678 123932 124081 124084  
 124315 124457 124836 126111 126164 126828 127199 127301  
 127361 127405 127410 127436 127492 127512 127513 127675  
 127732 127755 127828 127968 128190 128258 128542 128798  
 131560 131877 132010 132027 132028 132074 132179 132241  
 132293 132456 132488 132518 135389 135390 135391 135462

135464 135740 135861 135902 135928 135929 136171 136422  
 136460 136653 136665 136836 137086 137625 137933 138037  
 138070 138098 138113 138249 138284 138327 138328 138341  
 138432 138433 138445 138446 138458 138501 138520 138720  
 138763 138866 139002 139113 139210 139217 139255 139309  
 139310 139403 139448 139523 139537 139569 139616 139617  
 139734 139870 139874 139889 139964 140045 140075 140085  
 140105 140257 140621 140808 140859 140904 140915 141227  
 141335 141387 141438 141763 141867 142050 142073 142123  
 142252 142248 142291 142324 142341 142425 142482 142535  
 142649 142654 142733 142799 143011 143243 143573 144016  
 144096 144102 144144 144306 144453 144505 144517 144743  
 144820 144919 144934 144975 145014 145101 145255 145299  
 145373 145539 145638 145684 145874 146050 146133 146205  
 146209 146412 146426 146467 146513 146536 146561 146652  
 146716 146768 146804 146806 146932 146960 147161 147245  
 147344 147445 147550 147593 147611 147803 148044 148131  
 148161 148225 148237 148253 148254 148274 148426 148518  
 148594 148712 148518 148594 148712 148743 148753 148837  
 148927 149052 149109 149150 149151 149558 149654 149683  
 149711 149714 149815 149828 149843 149888 149904 149941  
 149946 149948 149978 149979 149998 150010 150079 150083  
 150096 150115 150140 150142 150147 150161 150205 150210  
 150232 150435

## CESSATION OF PATENTS

112214 112217 112225 112233 112240 112245 112246 112253  
 112255 112256 112257 112259 112261 112265 112278 112282  
 112283 112286 112290 112293 112301 112310 112313 112329  
 112338 112342 112344 112349 112380 112384 112389 127972

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 152945. The All India Surgical Manufacturing Company, a Registered Partnership Firm of 146 Shamaldas Gandhi Marg, Bombay-400 002, Maharashtra. "Bhattacharya Self Retaining Atrial Retractor". 31st March, 1983.

Class 1. No. 153049. Esbi Transmissions Private Limited, of 8, Camac Street (6th floor), Calcutta-700 017, West Bengal, India, An Indian Company. "Coupling for Machinery". 23rd April, 1983.

Class 1. No. 153050. Esbi Transmissions Private Limited, of 8, Camac Street (6th floor), Calcutta-700 017, West Bengal, India, An Indian Company. "Coupling for Machinery". 23rd April, 1983.

Class 1. No. 153143. Rehman Industries (India) 2848-Bulbuli Khana Bazar Sita Ram, Delhi, and Indian Proprietorship concern "Sharpenr". 1st June, 1983.

Class 1. No. 152642. Kubota Ltd., of 47-go, 2-ban, 1-chome, Shikitsuhigashi, Naniwa-ku, Osaka-shi, Osaka-fu, Japan. "Harvester". 4th January, 1983.

Class 1. No. 153018. Raj Kumar, 704, Mukimpura, Subzi Mandi, Delhi-110 006, an Indian National. "Electric fan". 19th April, 1983.

Class 1. No. 153005. Ganga Ram Gupta, Proprietor of Hindustan Scale Co., 11/69, Gwaltoli Kanpur U.P. India an Indian citizen "a Scales" 18th April 1983.

Class 3. No. 152750 Wilkinson Sword Limited, a British Company of Sword House, Totteridge Road, High Wycombe, Buckinghamshire HP 13 6EJ, England. "Razor Blade Dispenser". Priority date is 30th September, 1982 (U.K.).

Class 3. No. 152889. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Bombay-400 020, Maharashtra, an Indian Partnership Firm. "Water Bottle". 14th March, 1983.

Class 3. No. 153204. Skabama Agency, an Indian registered partnership firm, 4-A Divyasmeet, East West Road No. 2, Juhu-Parle Scheme, City of Bombay-400 049, State of Maharashtra, India. "Insect Exterminating Device". 14th June, 1983.

Class 3. No. 153047. Superphone (India) Pvt. Ltd., an Indian Company incorporated under the Companies Act having its office at 100, Government Industrial Estate, Charkop, Kandivali West, Post Box No. 7665, Bombay-400 065 in the State of Maharashtra within the Union of India. "Intercoms". 23rd April, 1983.

Class 3. No. 153048. Superphone (India) Pvt. Ltd., an Indian Company incorporated under the Companies Act having its office at 100, Government Industrial Estate, Charkop, Kandivali West, Post Box No. 7665, Bombay-400 065 in the State of Maharashtra within the Union of India. "Intercoms". 23rd April, 1983.

Class 3. No. 152886 Prince Plastics, 312 Churchgate Chambers, 5, New Marine Lines, Bombay-400 020 Maharashtra, an Indian Partnership Firm. "Water Bottle with Lunch Box" 14th March, 1983.

Class 3. No. 153123. Bir Plastics, an Indian Proprietary concern, A-12/4, Factory Area, Phase-1, Naraina, New Delhi-110028. "Basket". 24th May, 1983.

Class 3. No. 152880 Indian Cosmetics, 35J, Raja Naba Kissen Street, Calcutta-700005, West Bengal, India, An Indian Proprietorship Concern. "Container". 10th March, 1983.

Class 3. No. 152694. DLF Universal Limited, of 21-22, Narindra Place, Parliament Street, New Delhi-110001, India, an Indian Company. "Box Fan". 21st January, 1983.

*Extn. of Copyright for the Second period of five years.*

Nos. 146769, 147129, 147130, 147131, 147133, 147134, 147135, 147136, 147137, 147138, 147139, 147140, 147172  
.. Class-1.

*Extn. of Copyright for the Third period of five years.*

No. 146769. .. Class-1.  
DR. K. V. SWAMINATHAN  
Controller General of Patents,  
Designs and Trade Marks